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## PATENT APPLICATION

Express Mail Label No. EJ039579871

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

ATTORNEY DOCKET NO. SHERMAN 701

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if pl names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Sequen

**Chemical Vapor Deposition**

the specification of which is attached hereto unless the following box is checked:

- ( ) was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

**U.S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claim of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)
08/699,002	August 16, 1996	pending

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Moll, Reg. No. 33,741

Send Correspondence to:	Direct Telephone Calls To:
Robert Moll c/o Patent Planner 1173 N. Charles Street Los Altos, CA 94024	Robert Moll 415-947-8125

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Dr. Arthur Sherman

Citizenship: United States of America

Residence: 600 Sharon Park Drive, Suite C-307, Menlo Park, CA 94025

Post Office Address: Same

Arthur Sherman  
Inventor's Signature

Date

April 14, 1999

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 07, 2000

PTAS

KNOBBE, MARTENS, OLSON & BEAR, LLP  
ADEEL S. AKHTAR  
620 NEWPORT CENTER DRIVE  
SIXTEENTH FLOOR  
NEWPORT BEACH, CA 92660



\*101350268A\*

NO DATES DOCKETED  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/17/2000

REEL/FRAME: 010756/0228  
NUMBER OF PAGES: 2

BRIEF: NOTICE OF LICENSE AGREEMENT

ASSIGNOR:

SHERMAN, ARTHUR

DOC DATE: 04/03/2000

ASSIGNEE:

ASM AMERICA, INC  
3440 EAST UNIVERSITY DRIVE  
PHOENIX, ARIZONA 85034

SERIAL NUMBER: 09291807

PATENT NUMBER:

*Asm m/c, 009CP/*  
*GHo/ASA*

FILING DATE: 04/14/1999

ISSUE DATE:

SERIAL NUMBER: 08699002

PATENT NUMBER: 5916365

*Asm m/c, 009A*  
*GHo/ASA*

FILING DATE: 08/16/1996

ISSUE DATE: 06/29/1999

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

05-08-2000



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ments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Arthur Sherman

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: ASM America, Inc.

Internal Address:

Street Address: 3440 East University Drive

City: Phoenix State: AZ ZIP: 85034

Additional name(s) of receiving party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment  
☐ Merger  
☐ License Agreement  
☐ Change of Name  
☒ Other: Notice of License Agreement

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) April 3, 2000

4. Application number(s) or Patent number(s):

☐ Application(s) filed herewith Execution Date(s):☒ Patent Application No.: 09/291,807

Filing Date: April 14, 1999

☒ Patent No.: 5,916,365

Issue Date: June 29, 1999

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Adeel S. Akhtar  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: ASMMC.009A/009CPI

7. Total fee (37 CFR 3.41): \$80

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 2

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Adeel S. Akhtar

Name of Person Signing

Signature

Date

April 13, 2000

41,394

Registration No.

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

05/08/2000 DC0ATES 00000143 111410 09291807

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

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## NOTICE OF PATENT LICENSE AGREEMENT

By the present writing, the undersigned hereby witness, acknowledge and give notice of a Patent License Agreement (hereinafter the AGREEMENT), effective January 26, 2000 (hereinafter the EFFECTIVE DATE), executed between ASM America, Inc., having a place of business at 3440 E. University Drive, Phoenix, AZ 85034 (hereinafter ASM), and Arthur Sherman, having a place of business at 600 Sharon Park Drive, Suite C307, Menlo Park, CA 94025 (hereinafter called "SHERMAN"), and Sherman & Associates, Inc., having a place of business at 600 Sharon Park Drive, Suite C307, Menlo Park, CA 94025 (hereinafter "SHERMAN & ASSOCIATES").

Among other rights, and subject to conditions and limitations set forth in the AGREEMENT, incorporated by reference herein, the AGREEMENT grants to ASM an exclusive, worldwide field-of-use license in the field of microelectronic applications under United States Patent No. 5,916,365, issued June 29, 1999 and entitled "Sequential Chemical Vapor Deposition" and all related patents and patent applications worldwide, including but not limited to United States Patent Application Number 09/291,807, filed April 14, 1999.

ASM AMERICA, INC.

By: Ronald E. Skrzecz

Printed Name: RONALD E. SKRZECZ

Title: Treasurer

Date: March 28, 2000

ARTHUR SHERMAN

By: Arthur Sherman

Printed Name: ARTHUR SHERMAN

Date: April 3, 2000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Arthur Sherman	)
			)
App. No.	:	09/291,807	)
			)
Filed	:	April 14, 1999	)
			)
For	:	SEQUENTIAL CHEMICAL VAPOR	)
		DEPOSITION	)
			)
Examiner	:	Unknown	)

---

REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, and Todd Westersund, Reg. No. 45,739, ASM America, Inc., 3440 East University Drive, Phoenix, AZ 85034 as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

App. No. : 09,291,607  
Filed : April 14, 1999

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Please use Customer No. 20,995 for all communications.

Dated: April 5, 2000

By: Arthur Sherman  
Arthur Sherman

Address: 600 Sharon Park Dr., Suite C-307  
Menlo Park, CA 94025

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ASMMC, 0002, 71  
6H0/ASA

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/291,807	04/14/1999	ARTHUR SHERMAN	SHERMAN-708

20995  
 KNOBBE MARTENS OLSON & BEAR LLP  
 620 NEWPORT CENTER DRIVE  
 SIXTEENTH FLOOR  
 NEWPORT BEACH, CA 92660

Date Mailed: 07/21/2000

**NOTICE REGARDING POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 04/17/2000.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.



Customer Service Center  
 Initial Patent Examination Division (703) 308-1202

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